

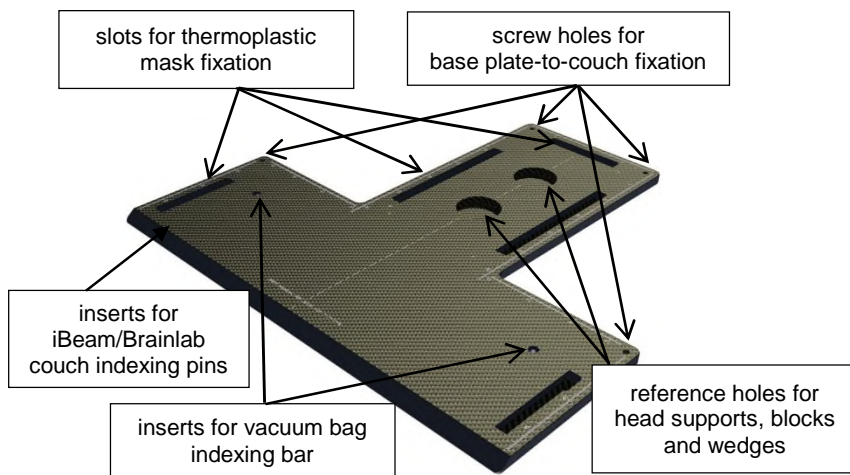


ORFIT Industries
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RAYCAST® HIGH PRECISION BASE PLATE IN CARBON FIBRE LAMINATE

INSTRUCTIONS FOR USE

Article No. : **32110**



A. GENERAL PRODUCT INFORMATION

This product is a medical device used for the fixation of patients (head & neck) in radiation therapy. This low density plate can be used during both the simulation and the treatment stage.

B. PRODUCT RANGE

ART. NO.	DESCRIPTION
32110	BASE PLATE PACKAGE IN CFL, consisting of:
32110/1	1x Base Plate in CFL
32110/8	1x EVA Block Set 9 cm - green
32110/9	1x EVA Block Set 17 cm - white

COMBI SETS:

ART. NO.	DESCRIPTION
32110-COMBI1	SET, consisting of:
32110	1x LD Base Plate Package
35703	1x LD 20 mm Block in CFL
35706	1x LD 40 mm Block in CFL
35704	1x LD 9° Wedge in CFL
35707	1x LD 18° Wedge in CFL

ART. NO.	DESCRIPTION
32110-COMBI2	SET, consisting of:
32110	1x LD Base Plate Package
35703	1x LD 20 mm Block in CFL
35706	1x LD 40 mm Block in CFL
35704	1x LD 9° Wedge in CFL
35707	1x LD 18° Wedge in CFL
35755	1x LD Head Support with neck flaps (1)
35765	1x LD Head Support without neck flaps (2)
35753	1x LD Head Support with neck flaps (3)
35753ZF	1x LD Head Support without neck flaps (4)
35752	1x LD Head Support with neck flaps (5)
35752ZF	1x LD Head Support without neck flaps (6)

This base plate is suitable for use in combination with the following hardware:

ART. NO.	DESCRIPTION
35755	Head support in low density PE with lateral neck support (model 1)
35765	Head support in low density PE without lateral neck support (model 2)
35753	Head support in low density PE with lateral neck support (model 3)
35753ZF	Head support in low density PE without lateral neck support (model 4)
35752	Head support in low density PE with lateral neck support (model 5)
35752ZF	Head support in low density PE without lateral neck support (model 6)
32380	Adjustable prone head support
35703	Block 20 mm in CFL
35706	Block 40 mm in CFL
35704	Wedge 9° angle in CFL
35707	Wedge 18° angle in CFL
32028	2 Indexing knobs for individual cushions
18059	Indexing bar for vacuum bag
35745	Table fix (fixation device)
32001	Loxon (fixation device) for HP system
35747/1	Adapter for 'two pin' system indexing bars
32110/9	EVA set medium – 13 mm – White
32110/8	EVA sets short – 13 mm – Green

The range of EFFICAST thermoplastic masks can be used on this base plate to immobilize patients. Instructions on how to make these masks can be found in the respective 'instructions for use'.

C. PRECAUTIONS FOR USE

Always place the base plate on a flat surface.
Always fix the base plate securely to the treatment couch before positioning a patient. More information on how to fix this base plate to a couch top can be found on our website <http://www.orfit.com/en/fixation-devices/>.

The CFL base plate is constructed to be light in weight and to have superb dosimetric properties. When handled roughly, it may get damaged and fibres may come off. When this happens, stop using the base plate to prevent fibres from getting in contact with the patient's or user's skin. Contact your distributor.

A patient set-up form is available on the Orfit website: <http://www.orfit.com/gallery/documents/patient-set-up-forms/head-and-neck.pdf>

D. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects. Prevent hard objects from falling onto the plate. Store the base plate between +10°C (50°F) and 40°C (122°F).

E. PROPERTIES

E.1 Physical Properties

This plate is made of a carbon fibre laminate.

Dimensions: L 500 mm x W 540 mm x H 12 mm

Weight: 0.34 kg

E.2 Dosimetric Properties

Attenuation factor (± 0.15 %)	
6 MV	0.5 %
15 MV	0.4 %
H ₂ O equivalence	2.1 mm

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

F. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of soapy water or an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.**

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

G. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website www.orfit.com.

These instructions were written in accordance with the European Directive 93/42/EEC for Medical Devices. It is prohibited to make alterations to this text without prior approval from ORFIT Industries.

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